

Washington, D.C. 20505

Intelligence Research &
Development Council

IR&DC 82-3373
25 March 1982

MEMORANDUM FOR: Senior Review Panel

ATTENTION:

FROM:

Executive Secretary

SUBJECT: The Intelligence Research and Development Council (IR&DC)

1. Per your request the following briefly outlines why the IR&DC was formed, who are the members, and what activities are currently underway.

a. IR&DC Establishment:

The IR&DC was established in November 1973 by the DCI to serve as a permanent subcommittee of the then Intelligence Resources Advisory Committee (IRAC). Establishment of the Council was driven by several factors. First of all, there was a perceived need by the DCI to ensure that intelligence research and development resources were properly attuned to meet the continuing challenges of the future. Second, it was observed that compartmentation prevented exchange of technology among Intelligence Community organizations and restricted the use of technology already available in the research and development arena external to the Intelligence Community. Third, there was no effective mechanism within the Intelligence Community to assess when duplicative or parallel technology efforts were not warranted. And finally, there was no single focal point within the Intelligence Community to serve R&D planners in development of objectives.

The Council was thus established to serve as an advisory board to the DCI and the DDCI on major intelligence research and development activities and to provide a central forum for the exchange of R&D information as applicable to the Intelligence Community. From the Council's inception, through agreement between the Secretary of Defense and the Director of Central Intelligence, the chairmanship has been held by the Under Secretary of Defense for Research and Engineering. This mix of DoD and the Intelligence Community has proven profitable over the years for both Defense and the Intelligence Community.

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b. Council Membership

As noted above the chairmanship is held by the USDRE. Council membership is limited to principal R&D members through Defense and the Intelligence Community (attached). In addition, in order to provide for an input from other governmental organizations concerning matters pending before the Council, certain designated observers also attend most Council functions. And, finally there are support personnel who provide staffing for the principal members. Therefore, there are [] people who are engaged in the operation of the Council. Also as panels and working groups are formed to pursue Council activities, other personnel are provided to engage in Council directed studies and reports. However, these groups tend to be ad hoc in nature and after completion of the task disband. The one exception to this general methodology for Council operation is the newly established standing steering group concerning []

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c. Current Activities

(1) The Council has been expanded both in membership and observer status. First, we have added [] Chairman of the STAP, to the membership role. This addition provides an input from the STAP to the IR&DC and, at the same time, informs the STAP of many Community-wide ongoing R&D projects of which they might not be aware. We have also added an observer, Dr. Victor Reis from George Keyworth's Office of Science and Technology Policy and Dr. Milton Silveira from NASA. In Vic's case, this provides knowledge to the Council on what the Administration policies are as regards to specific R&D matters, and from Milt we will receive information as to the total NASA space effort, both present and future, concerning civil, military and intelligence activities and also an awareness of what space technologies may be available for non-space intelligence uses. []

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(2) We have recently brought to conclusion and published a Community-wide baseline []

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[] Specific actions that are being taken by the Community as a result of this plan are:

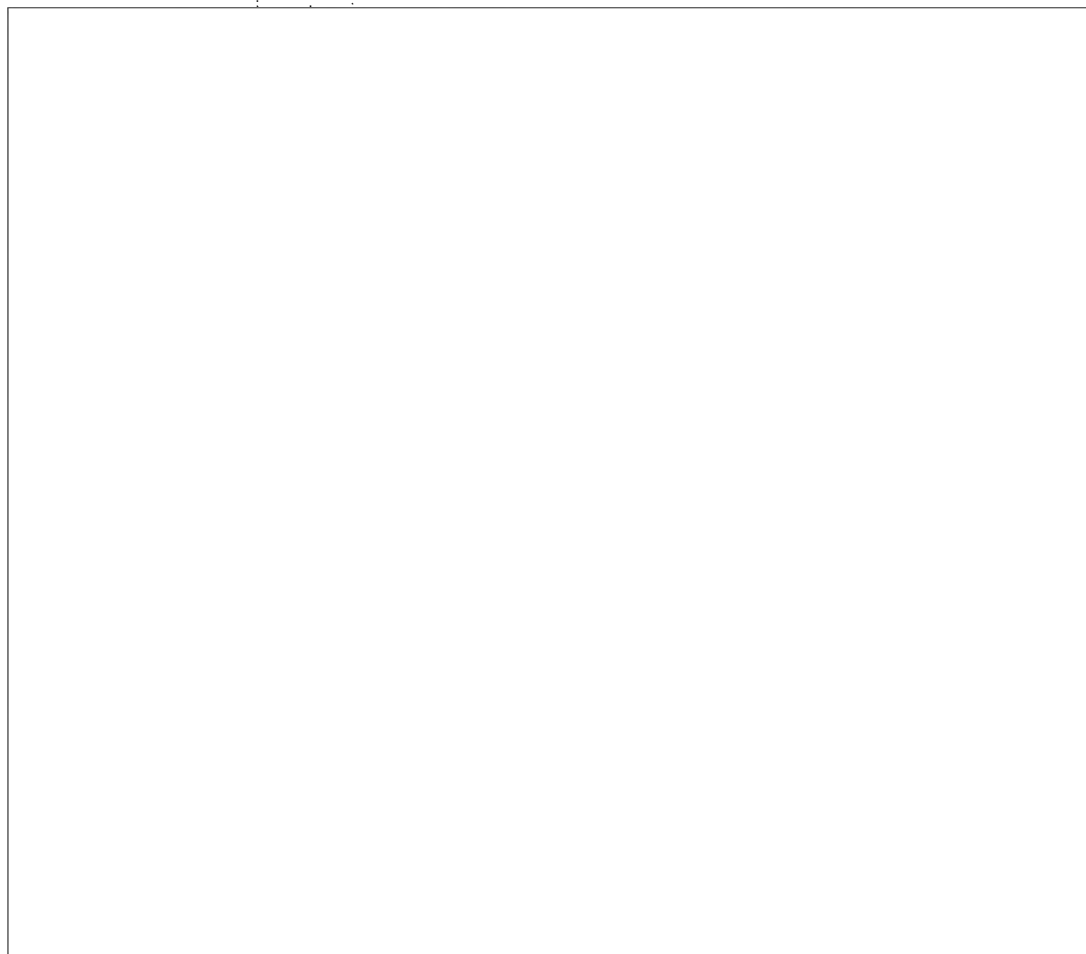
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(3) The Council in the fall of 1981, in conjunction with EXRAND, sponsored the Second National Symposium on Digital Imagery Processing and Exploitation. This three-day affair was held at NPIC and was attended by [redacted] representatives of CIA, DoD, and non-DoD agencies/components. Admiral Inman was the keynote speaker. [redacted]

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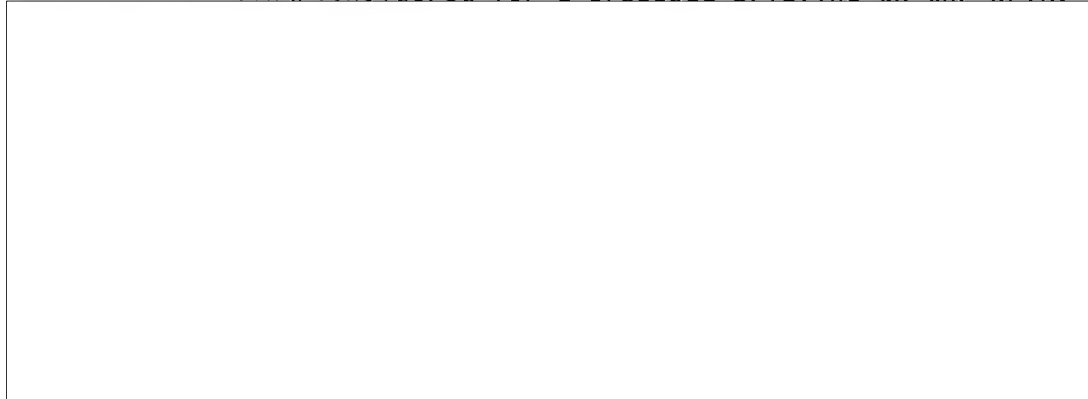
(4) Admiral Inman asked the Council in June 1981 to prepare a report containing recommendations regarding what technological advances may be forthcoming and used to enhance our imagery processing and exploitation activities in the post-1985 time frame and also to consider how emerging technologies may be optimized for future radar processing and exploitation. In November, the Council forwarded their report to the DDCI with their recommendations and conclusions. Admiral Inman accepted these recommendations, provided for the requested funding, and charged EXRAND to carry out the implementation. [redacted]

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(5) Admiral Inman has also asked the Council to prepare a report containing recommendations regarding what technological advances may be forthcoming which will provide the initiatives for use of the Shuttle capabilities in the late 1980s. This report is in the final stages of preparation for delivery to the DDCI and is being considered for a proposed briefing to the NEIR.



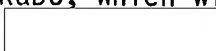
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(7) The DDCI has given approval for the Council to conduct a review of major Intelligence Community R&D programs which are being formulated in response to the 1985 Intelligence Capabilities Study. The focus of the review will be to determine if we are adequately leveraging emerging technologies in our planning and if there may be further opportunities for enhancing your efforts to provide for our future capabilities.



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2. In summation, the IR&DC is a viable tool for use by the DCI and the DDCI in bringing emerging technologies into the Intelligence Community in order to provide for Community enhancements. The DCI has recently signed a new charter for the IR&DC, which will shortly be distributed. I will provide a copy for the SRP.



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Attachment:
Membership List

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Distribution:

Orig - Senior Review Panel

1 - ES/IR&DC

1 - ICS Registry

1 - Secretariat Staff Registry

ES/IR&DC (23 Mar 82)

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Intelligence Research and Development Council

Membership List

Chairman: Dr. Richard D. DeLauer
Under Secretary of Defense for Research and Engineering

Principals

CIA: Mr. Leslie C. Dirks
Deputy Director for Science & Technology

DIA: LTG James A. Williams, USA
Director, Defense Intelligence Agency

NSA: 25X1
Deputy Director for Research and Engineering

DoE: Dr. Alvin W. Trivelpiece
Director of Energy Research

Air Force: Mr. Edward C. Aldridge
Under Secretary of the Air Force

Army: Dr. Jay R. Sculley
Assistant Secretary of the Army (R,D&A)

Navy: Mr. Melvyn R. Paisley
Assistant Secretary of the Navy (R,E&S)

Air Force: Dr. Alton G. Keel
Assistant Secretary of the Air Force (R,D&L)

DNI: RADM Sumner Shapiro
Director of Naval Intelligence

DARPA: Dr. Robert S. Cooper
Director, Defense Advanced Research Projects Agency

DCI: 25X1
Director, Intelligence Community Staff

DUSDP: General Richard G. Stilwell, USA (Ret)
Deputy Under Secretary of Defense for Policy

DUSDREC³I Mr. Donald Latham
Deputy Under Secretary of Defense for C³I

STAP: 25X1
Chairman, DCI Science and Technology Advisory Panel

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Observers:

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|------------|---|
| OSTP: | Dr. Victor Reis Office of Science and Technology Policy |
| NSC: | Dr. Michael Berta Office of Intelligence |
| FBI: | Mr. William Hager |
| OMB: | Mr. James T. Holt |
| NASA: | Dr. Milton Silveria Assistant to the Deputy Administrator |
| State/INR: | Mr. William P. Deary Deputy Director, Office of Intelligence Resources |

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